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Municipal Problems, Vol. XXIII, March, 1904; Municipal Ownership and Municipal Franchises, Vol. XXVII, January, 1906; Municipal Problems, Vol. XXVIII, November, 1906,

Articles in other volumes:

The Study of Municipal Government, F. P. Pritchard, Vol. II, January, 1892, p. 18; Problems of Municipal Government, E. L. Godkin, Vol. IV, May, 1894; p. 1; The Need for Coördinating Municipal, State and National Activities, Frederick A. Cleveland, Vol. XLI, May, 1912, p. 23; Efficiency in the Fiscal Operations of Cities, Edmund D. Fisher, *Ibid.*, p. 71; Economy and Efficiency in the Department of Water Supply, Gas and Electricity of New York City, J. Leggett Pultz, *Ibid.*, p. 78; Efficiency in Water Revenue Collection, J. H. Clowes, *Ibid.*, p. 86; A Proposed Municipal Administrative Code for New Jersey Cities, D. O. Decker, *Ibid.*, p. 204; Development of Standards in Municipal Government, Henry Bruère, Vol. LXI, September, 1915, p. 199.

STATE GOVERNMENT

Articles in other volumes:

Reform of Our State Governments, Gamaliel Bradford, Vol. IV, May, 1894, p. 27; Custody of State Funds, E. R. Buckley, Vol. VI, November, 1895, p. 37; Recent Tendencies in State Administration, Leonard A. Blue, Vol. XVIII, November, 1901, p. 44; Separation of State and Local Revenues, T. S. Adams, Vol. LVIII, March, 1915, p. 131.

TAXATION

Previous volumes:

Readjustments in Taxation, Vol. LVIII, March, 1915.

Articles in other volumes:

Taxation of Quasi-Public Corporations in the State of Ohio and the Franchise Tax, Frederic C. Howe, Vol. XIV, September, 1899, p. 157; The Taxation of Corporations in the United States, Frances Walker, Vol. XIX, March, 1902, p. 165.

BUDGETS

Articles in other volumes:

Budget Provisions in Commission-Governed Cities, L. G. Powers, Vol.

XXXVIII, November, 1911, p. 128; Efficiency in Budget Making, Herbert R. Sands, Vol. XLI, May, 1912, p. 138; Efficiency Value of the Budget Exhibit, J. Harold Braddock, *Ibid.*, p. 151.

ACCOUNTING

Articles in other volumes:

Efficiency Through Accounting, Wm. A. Prendergast, Vol. XLI, May, 1912, p. 43; Results Obtainable through Reorganization of Accounting Methods, B. J. Taussig, *Ibid.*, p. 57; The Application to a Municipality of Modern Methods of Accounting and Reporting, John M. Walton,

Ibid., p. 64; A National Fund for Promoting Efficient Municipal Accounting and Reporting, U. L. Leonhauser, *Ibid.*, p. 304; Simplified Cost Accounting for Manufacturers, Walter B. Palmer, Vol. LXI, September, 1915, p. 165.

COUNTY GOVERNMENT

Previous volumes:

County Government, Vol. XLVII, May, 1913.

Articles in other volumes:

Efficiency in County Government, Otho Granford Cartwright, Vol. XLI, May, 1912, p. 193.